

THIS COPY MAY BE
RETAINED FOR YOUR FILES

AMA ARCHIVE — LIBRARY

In Two Volumes

VOLUME TWO

A HISTORY OF MEDICINE



CHARLES C THOMAS • PUBLISHER

By RALPH H. MAJOR, M.D.

Professor of Medicine and of the History of Medicine

The University of Kansas

The School of Medicine

Kansas City, Kansas



SPRINGFIELD • ILLINOIS • U.S.A.

THE LIBRARY OF THE
AMERICAN MEDICAL ASSOCIATION
535 NORTH DEARBORN STREET
CHICAGO 10, ILLINOIS

Contents

THE EIGHTEENTH CENTURY	565
Hermann Boerhaave	570
Albrecht von Haller	573
Gerhard van Sweiten	577
Anton de Haen	581
Leopold Auenbrugger	583
Giovanni Battista Morgagni	585
The Edinburgh Medical School	588
John Brown and the Brunonians	592
British Physicians and Surgeons	598
William and John Hunter	601
Jenner and the Discovery of Vaccination	606
Discoveries in Physiology and Chemistry	609
Observations on Electricity	622
Franz Anton Mesmer and Mesmerism	623
Biographical Addenda	628
THE NINETEENTH CENTURY—THE FIRST HALF ..	640
Napoleonic Wars and the Industrial Revolution	640
Johann Peter Frank and His <i>Medicinische</i> <i>Polizey</i>	642
The Paris School	644
René Théophile Hyacinthe Laennec	660
The Irish School	680
The Great Men of Guy's	686
Homeopathy and Samuel Hahnemann	694
Naturphilosophie	698
Biographical Addenda	701
THE RISE OF AMERICAN MEDICINE	714
Benjamin Rush	724
Ephraim McDowell	738
Daniel Drake	743
William Beaumont	747
The Discovery of Surgical Anesthesia	751
Oliver Wendell Holmes	756
Austin Flint	759
James Marion Sims	761
Samuel D. Gross	762
Biographical Addenda	765

THE NINETEENTH CENTURY—THE SECOND HALF	772
Paris	772
Claude Bernard	775
Charles Edouard Brown-Séquard	779
The New Vienna School	781
The Rise of German Medicine	787
Johannes Müller and His Pupils	788
Carl Ludwig	790
Johann Lucas Schönlein	793
Hermann von Helmholtz	802
Rudolf Virchow	806
The Advance of Science and Medicine in Great Britain	809
Charles Darwin	810
Thomas Henry Huxley	813
Antisepsis and Asepsis	821
The Rise of Bacteriology	827
Louis Pasteur	829
Robert Koch	836
The Predominance of German Medicine	845
The Influence of German Medicine on America	850
Johns Hopkins	852
Further Scientific Achievements	860
Malaria	860
Yellow Fever	863
Discovery of X-Rays	865
Revolution in Nursing	867
Henri Dunant and the Red Cross	869
Mendel's Law	871
Relations Between the Medical Profession and the	
Public	871
Advances in Public Health and Health Legislation..	875
Biographical Addenda	879
THE TWENTIETH CENTURY	921
Biographical Addenda	1026
Nobel Prize Winners in Medicine and Physiology ...	1054
GENERAL BIBLIOGRAPHY	1057
INDEX OF NAMES	1083
INDEX OF SUBJECTS	1112

List of Illustrations

Georg Ernst Stahl	567
Friedrich Hoffmann	569
Hermann Boerhaave	572
University of Leyden in Seventeenth Century	573
Albrecht von Haller	574
Gerhard van Swieten	578
<i>Grosses Armenhaus</i> and <i>Allgemeines Krankenhaus</i> of Vienna	580
Anton de Haen	582
Leopold Auenbrugger	584
Giovanni Battista Morgagni	586
William Cullen	590
John Brown	592
Brown's Chart of Sthenic and Asthenic States	595
James Lind	597
William Heberden	599
<i>Fetus in situ</i> (Hunter)	600
John Hunter	602
St. George's Hospital	605
Edward Jenner	608
Stephen Hales	610
Teddington Parish Church	612
Joseph Priestley	615
Lavoiser in His Laboratory	617
Statue of Count Rumford in Munich	619
Lazzaro Spallanzani	621
Franz Anton Mesmer	624
<i>Baquet</i> of Mesmer	626
Johann Peter Frank	643
Dominique Jean Larrey	646
Larrey's "Flying Ambulance"	647
Guillaume Dupuytren	649
Xavier Bichat	651
C. Linné	653
Philippe Pinel	654
Jean Nicolas Corvisart	655
The Salpêtrière in the Nineteenth Century	656